



| TRANSMITTAL FORM | | | Application No. | 10/74 | 19,502 | |
|--|---------------------------|--|--------------------------|-------|--|--|
| | | | Filing Date | Dece | mber 31, 2003 | |
| (to be used for all correspondence after initial filing) | | | First Named Inventor | Soo-l | Hyung Lee | |
| | | | Art Unit | | | |
| | | | Examiner Name | | | |
| Total Number of | Pages in This Submission | on 9 | Attomey Docket Numbe | 5187 | 6P585 | |
| | ENCLO | SURES (chec | k all that apply) | | | |
| Fee Transmittal | Form | Drawing(s) | | | After Allowance Communication to Group | |
| Fee Attac | hed | Licensing-re | elated Papers | | Appeal Communication to Board of Appeals and Interferences | |
| Amendment / Re | esponse | Petition | | | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | |
| After Fina | ıl /declaration(s) | Petition to C Provisional | Convert a Application | | Proprietary Information | |
| Extension of Tim | e Request | Power of Attorney, Revocation Change of Correspondence Address | | | Status Letter | |
| Express Abandonment Request | | Terminal Disclaimer | | | Other Enclosure(s) (please identify below): | |
| Information Disclosure Statement | | Request for Refund | | | Corean Office Action //English translation; 1 | |
| PTO/SB/08 | | CD, Number of CD(s) | | p | rior art references; return | |
| Certified Copy o | renonty | | | | | |
| Response to Mis Incomplete Appli | | Remarks | | | | |
| = | Filing Fee aration/POA | | | | | |
| ⊔ | e to Missing er 37 CFR | | | | | |
| | | E OF APPLICAN | IT, ATTORNEY, OR A | GENT | | |
| Firm Eric S. Hyman, Reg. No. 30 | | | 139 | | | |
| Individual name BLAKELY, SOK | | OKOŁOFF, | TAYLOR & ZAF | MAN : | LLP | |
| Signature | | | | | | |
| Date | | 11/18/01 | | | | |
| CERTIFICATE OF MAILING/TRANSMISSION I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | | | | |
| Typed or printed name Melissa Stead | | | | | | |
| Signature | Melion | a Stand | | Date | 11-21-05 | |

Complete if Known **TRANSMITTAL** Application Number 10/749,502 for FY 2005 December 31, 2003 Filing Date Patent fees are subject to annual revision. First Named Inventor Soo-Hyung Lee Examiner Name Applicant claims small entity status. See 37 CFR 1.27. Art Unit TOTAL AMOUNT OF PAYMENT Attorney Docket No. 51876P585 METHOD OF PAYMENT (check all that apply) ☐ Check ☐ Credit card ☐ Money Order ☐ None Other (please identify): Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP Deposit Account Deposit Account Number: 02-2666

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee ☐ Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) ☐ Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. **FEE CALCULATION** Small Entity Large Entity Fee Fee Fee Fee Fee Paid Fee Description Code (\$) Code (\$) 1051 2051 130 65 Surcharge - late filing fee or oath 1052 50 2052 ²⁵ Surcharge - late provisional filing fee or cover sheet. 2053 130 2053 130 Non-English specification 120 2251 1251 60 Extension for reply within first month 450 1252 2252 ²²⁵ Extension for reply within second month 1253 1.020 2253 510 Extension for reply within third month 1254 1.590 2254 ⁷⁹⁵ Extension for reply within fourth month 2,160 2255 1255 1,080 Extension for reply within fifth month 500 1401 2401 ²⁵⁰ Notice of Appeal 1402 500 2402 ²⁵⁰ Filing a brief in support of an appeal 1403 1,000 2403 500 Request for oral hearing 1,510 1451 2451 1,510 Petition to institute a public use proceeding 1460 130 2460 130 Petitions to the Commissioner 1807 50 1807 ⁵⁰ Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1809 790 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b)) Other fee (specify)

| SUBMITTED BY | | | | | | Complete (if applicable) | |
|-------------------|---------------|------|--------------------------------------|--------|-----------|--------------------------|--|
| Name (Print/Type) | Eric S. Hyman | G II | Registration No. (Attorney/Agent) | 30,139 | Telephone | (310) 207-3800 | |
| Signature | | W | / | | Date | 11/16/05 | |

(\$)

SUBTOTAL (2)

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokoff, Taylor & Zafman (wlr.) \$\frac{1}{2}\$15/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 51876P585

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e the Application of:

Soo-Hyung Lee, et al.

Application No.: 10/749,502

Filed: December 31, 2003

For: Method for Detecting Abnormal Traffic at

Network Level Using Statistical Analysis

Art Group:

Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a Search Report dated August 30, 2005 (copy enclosed herewith) in a counterpart Korean application, which was forwarded to Applicant's Representative in a communication dated August 31, 2005.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Date: _____(1)/8/0/

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Eric S. Hyman, Rog. No. 30,139

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Melissa Stead

-2-

Date

11-21-05

| ٠. | <u>·</u> . | |
|-----|------------|---|
| / | PE | 40 |
| /6 | ' | 1 2 m |
| 1. | NON 5 5 J | 10 SE |
| \ \ | | J.SN |
| 1 | W TRADE | SI |

Distitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1

Sheet 1 of

| Complete if Known | | | | | |
|------------------------|-------------------|--|--|--|--|
| Application Number | 10/749,502 | | | | |
| Filing Date | December 31, 2003 | | | | |
| First Named Inventor | Soo-Hyung Lee | | | | |
| Art Unit | | | | | |
| Examiner Name | | | | | |
| Attorney Docket Number | 51876P585 | | | | |

| Document Number | | | D. Hisation Date | | Page Columns Lines Where | |
|--------------------|--|--------------------------------|---|--|---|--|
| Examiner Cite No.1 | | Number - Kind Code² (if known) | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| _ | | US- | | | | |
| _ | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|---|--------------------------------|--|---|------------------------|-------|----|
| Examiner Cite | | Foreign Patent Document | | | Pages, Columns, Lines, | T6 | |
| Initials* No.1 | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | | KR 1020040063494 | 07-14-2004 | KT Corporation | | assha | rd |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Examiner | Date | · · · · · | |
|-----------|------------|-----------|--|
| Signature | Considered | | |
| 0.6 | | | |

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.